

# GANESH PAL

Vula ,Nalbona, Paschim Medinipur, 721253

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## CAREER OBJECTIVES

Robotics and Automation student with strong foundations in electronics, IoT, and circuit design, seeking a Field Application Engineer role to apply my technical knowledge and problem-solving abilities in supporting semiconductor solutions, driving design-in success, and contributing to smart manufacturing innovations

## ACADEMIC QUALIFICATION

- **Bachelor of Technology in Robotics and Automation**  
Brainware University (Autonomous)  
Year of Passing: 2026, CGPA: 9.09
- **Higher Secondary (Class XII)**  
Nayabasad Parbatimoyee Siksha Niketan (W.B.C.H.S.E)  
Year of Passing: 2022, Percentage: 84.4%
- **Secondary (Class X)**  
Nalbona High School (W.B.B.S.E)  
Year of Passing: 2020, Percentage: 81.28%

## ACADEMIC PROJECTS

- **Arduino Based smart Dustbin:**  
Developed a contactless smart dustbin using Arduino Uno, ultrasonic sensor, and servo motor to enhance hygiene during COVID-19. Nov 2023
- **WIFI based home automation and weather monitoring system:**  
Designed a home automation system with ESP32, enabling Wi-Fi-based control and real-time temperature/humidity monitoring via web/mobile interface. Mar 2025

## INDUSTRIAL TRAINING AND INTERNSHIPS

- Training on **Internet of things (IOT)** from **Ardent Computech Pvt. Ltd** 21<sup>st</sup> Jan ,2025 – 21<sup>st</sup> Mar,2025  
Duration – 2 Month
- Value added course on “**Realization of Signal Characteristics Using MATLAB Tools**” Organised by the Department Of **Electronics & Communication Engineering** of Brainware University. 1<sup>st</sup> Feb ,2023- 14<sup>th</sup> Feb,2023  
Duration – 2 weeks

## TECHNICAL SKILLS

- **Languages:** Python, C++
- **Hardware:** Raspberry pi, Arduino, ESP32
- **Software Simulator:** Tinkercad, Wokwi
- **Databases:** MySQL

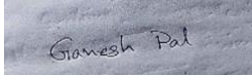
## LANGUAGE AND HOBBIES

- **Language** – Bengali (Native), Hindi (Fluent), English (Basic Working Knowledge).
- **Hobbies** - Watching Movie, Travelling, Playing Cricket, Listening Song.

## SELF DECLARATION

I hereby affirm that all the information that I have stated are true and correct to best of my knowledge.

SIGNATURE:

A rectangular box containing a handwritten signature in black ink. The signature appears to read "Ganesha Pal".

DATE: 09<sup>th</sup> Dec, 2025